

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		ATTY. DOCKET NO. 2593-0142P		APPLICATION NO. NEW	
		APPLICANT SAITO, Noboru et al.			
		FILING DATE November 20, 2003		GROUP UNASSIGNED	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PK	US 5,475,317		1995-12-12	SMITH			
	US 5,748,007		1998-05-05	GASCHKE			
	US 5,907,246		1999-05-25	ABRAHAM et al.			
	US 5,172,049		1992-12-15	KIYOKAWA et al.			
	US 5,903,163		1999-05-11	TVERDY et al.			
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS									
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
									YES
PK	JP	06-034706		1994-10-02	JAPAN			*	
PK	JP	10 288646		1998-10-27	JAPAN			*	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)	

EXAMINER <div style="font-size: 2em; font-family: cursive; margin-left: 100px;">Pameth</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive; margin-left: 100px;">09/03/04</div>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* English language Abstract provided

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